

Wednesday, August 12, 2015 8:04:01 AM

All Vendors PO ID PO29427 All Receipt Dates All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name		VC-COP001	Thyssenkrupp Materials CA Ltd								
PO29427	1		M174B0.500X02.000 f		8/13/2015	8/12/2015	24.0000	\$18.20	0.0000	0	\$436.78
CAD	No		17-4 SS Bar .500 x f 2.00 m132946		24.0000	DCUSER		\$436.78	0.0000	0	
	9		71401-45		8/13/2015	8/12/2015	1.0000	\$0.00	0.0000	0	\$0.00
	No		PROCUREMENT QUALITY CLAUSES m132946		0.0000	DCUSER		\$0.00	0.0000	0	
Total Received Quantity:										25.0000	
Total Qty to Inspect (PO U/M):										0.0000	
Total Reject Quantity:										0.0000	
Total Receipt Value:										\$436.78	
Total Balance Due Quantity:										-1.0000	

B I L L O F

L A D I N G

No: VIM 459238

Ship From:
THYSSENKRUPP MATERIAUX NA
4700 BOIS FRANC
ST. LAURENT, QC H4S 1A7
Tel: 514-337-0161 Fax: 514-745-2968

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

Ship Date 11Aug15 at 14:06 From VFW
Probill
via PICK UP 2 P.M TODAY
FOB CONCORD
Frt CUSTOMER PICK U
Route 0- 0 Manifest
Vhcle
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

B I L L O F L A D I N G

1) Our Order PEC-834249- 1 Your PO # 29427
STAINLESS STEEL FLAT BAR 17-4 STAINLESS
.50" x 2.00" X 144.0000"

* please provide MTR"s *****

1PLANCHE R450 Heat Number Tag No
426642 729703

Quantity	PCS	Net Wt	Gr
24 Vt	2	81	LBS
Tags 1	PCS 2	Net Wt 81	Gr LBS

TOTAL:

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

***UNE SURCHARGE D'ENERGIE DE \$25.00
SERA AJOUTEE A CHAQUE COMMANDE.***

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

*** POUR VOS BESOINS D'ACIER INOXYDABLE,
CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600

*** FOR ALL YOUR STAINLESS STEEL NEEDS, CALL US.

*** WE HAVE IT! *** TEL. 800-926-2600 ***

NOS HEURES DE CUEILLETTE SONT DU LUNDI AU VENDREDI
DE 8H30 A 12H00 ET DE 13H00 A 16H30.

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

B I L L O F L A D I N G
Ship From: THYSSENKRUPP MATERIAUX NA
4700 BOIS FRANC
ST. LAURENT, QC H4S 1A7
Tel: 514-337-0161 Fax: 514-745-2968

Ship To: (1)
DART AEROSPACE

No: VIM 459238
Ship Date 11Aug15 at 14:06 From VFW
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Via PICK UP 2 P.M TODAY
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Vhcle
SLP STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

===== B I L L O F L A D I N G =====
CUSTOMER PICK-UP HOURS ARE MONDAY TO FRIDAY
FROM 8:30 AM TO NOON AND 1:00 PM TO 4:30 PM.

Page: 2 Last

ALUMINIUM • LITON • CUIVRE • PLASTIQUE • ACIERINOX
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS



TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
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MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL FLAT BAR 17-4 STAINLESS

.50" x 2.00" x 144.0000"

PART NO.

PO/Ref 29427

Nous certifions que le document reproduit ici est une copie conforme du rapport fourni par le fournisseur du matériel ou les données résultent

Certificate of Mill Test Results

BL VIM-459238-001

de l'analyse faite par un laboratoire qualifié.

SIGNE PAR L'USURY TRUGLIO

11 Aug 15
Pg 1/1

BÖLLINGHAUS STEEL		Zusammenfassung/Mill Test Certificate/Cert. de Qualidade		No.: / Nr.: NR.: 0000085487	
Böllinghaus Portugal Açoes Especiais, SA DIN EN ISO 9001:2008 TUV CERT No. 01.100.030458		Unsere Innere Verweisung /Our Int. Ref./Nº ref int 5800017346 000040		Datum / Date / Data 19.12.2012	
Normen / Standards / Normas					
ASTM E370-11A, ASTM A370-11A, ASME SA-370, out of square acc. to point 6.5 of EN 10358:2003 ASME SA-564, ASME SA-370, out of square acc. to point 6.5 of EN 10358:2003					
Kunde / Customer / Cliente Compadr Inoxidable Inc. 3835 Cypress Drive, Suite 207 94954 Petaluma CA		Endeigneter Kunde / Final Customer / Cliente Final Copper & Brass 8001 Thyssenkrupp Parkway 43819 Northwood, OH			
Bestell-Nr./Order Nr./Enc.Nr.: 54410		Bestell-Nr./Order Nr./Enc.Nr.: 5400159884.9			
Prüfgegenstand / Product / Produto AISI T630 FLAT 2 x 1/2"		Gewicht / Weight / Peso 1.993 lb		Bunde / Bundle / Alzados 01	
Werkstoff-Nr. Material-no. Qualidade 1.4542		Werkstoff-Normbezeichnung / Material standard grade / Norma do material 630			
Beschreibung / Description / Descrição DAS 14 15/08/12 9-89 Stainless steel flat bars, hot rolled, heat treated, straightened, pickled. ITEM NO:SSREC00132 US DFR 232.225-7014: MELT SOURCE: Germany / MFG: Portugal.					
Chemische Analyse in % / Chemical composition in % / Analise química em %					
Carbon / Pseudo nr. 426642	C: 0.024	Si: 0.430	Mn: 0.870	P: 0.018	S: 0.001
Mo: 0.100	Co: 0.036	Cu: 3.050	N: 0.019	TI: 0.001	Nb: 0.250
Cr: 15.120	Ni: 4.420				
ASTM E399					
Proben Nr. Test no. Amostra no.	Kerbschlagenergie Impact Test Resistência (Charpy V)	Streckgrenze Yield point Tensão limite Rp 0.2 %	Dehnung 1 % point Limite de estirado Rp 1.0%	Zugfestigkeit Tensile strength Tensão de ruptura Rm	Dehnung Elongation Alongamento A (A50-50mm) Z (A50-50mm)
3030987.01.01	[J]	[KJ]	[Ksi]	[KJ]	[%]
		186.2	201.2	202.5	10.6
					82.4
ASTM E370					
Vituelle Kontrolle Visual inspection Inspeção visual	OK	Härte Hardness Durezza	335 (HB)	Kornstruktur Grain structure IC Test Construção metalográfica	Wärmebehandlung Heat treatment Tratamento térmico Solution Annealed 1900°F (1040°C)
ASTM A464	OK	AM5 2315 Micrographic Test Fotografia metalográfica	OK	Qualitätskontrolle Quality Control Representative Inspector da Qualidade	Alterung Aging Treatment Envelhecimento
Verwechslungsgefahr Test of identity Teste de identificação	OK	Material frei von segregation elements.	OK	David Reis	408 EB
Bemerkungen / Remarks / Observações		Hiermit bestätigen wir, dass das Material der oben genannten Spezifikation entspricht. We confirm that this material meets the specification according the mentioned standards. Confirmamos que este material respeta as especificações de acordo com as normas referidas.			
Micrographic test: approved Material is free of mercury contamination, no weld repair done. Material is free of radiation contamination.		Böllinghaus Portugal - Açoes Especiais, SA			
129 L.P.P.		H900 (900°F/482°C), 1 Hour / Cool in Air			



From: ThyssenKrupp Materials NA
Cust. VIMETAL PECKOVER
CSCAT
Wgt.: 488.000 LB
Del.: 2402572651
CSCAT VIM-621201 (WO 120
Date 07/06/2013

Signature

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M17-4
DATE: 15/08/12

PO / BATCH NO.: 29427/M132946

MATERIAL CERT REC'D: _____
QUANTITY RECEIVED: 484
QUANTITY INSPECTED: 24
QUANTITY REJECTED: _____

THICKNESS ORDERED: .506 X 2.00
THICKNESS RECEIVED: .500 X 2.00
SHEET SIZE ORDERED: _____
SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE	HRC	HRB	DUR A	DUR D	
HARDNESS / DUROMETER READING					

Testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: DAS <u>14</u>	SIGNED OFF BY: _____
DATE: <u>15/08/12</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO29427**

Purchase Order Date 8/11/2015 9:17:27 AM
PO Print Date 8/11/2015

Page Number 1 of 2

Order From :

VC-COP001

Ship To : DART AEROSPACE LTD

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275, POSTAL "A"
TORONTO, ON M5W 5V8
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA



Contact Name
Vendor Phone 905 669 9444

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

Ship To Contact
Ship To Phone
Ship Via:
Ship Acct:

VENDOR'S TRUCK

Line Nbr	Reference	Description/ Mfg ID	Reg Date/ Taxable	CD	Reg Qty/ Unit of Measure	PO Unit Price	Extended Price
Line Comments		Promise Date					
Delivery Comments							

1	M174B0.500X02.000	17-4 SS Bar .500 x 2.00	8/13/2015	Yes	24.00 f	\$23.81	\$571.33
		8/13/2015					
		MATERIAL: 17-4 PH SS BAR AS PER AMS 5604 / 5643					
		GRAIN DIRECTION MUST BE ALONG LENGTH					
		MINIMUM YIELD TENSILE STRENGTH = 100KSI					
		MINIMUM ULTIMATE TENSILE = 150 KSI					

Line Total: \$571.33

9	71401-45	PROCUREMENT QUALITY CLAUSES	8/13/2015	No	0.00	\$0.00	\$0.00
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Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of materia conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

8/15-0812

Note:

8/11/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO29427**

Purchase Order Date 8/11/2015 9:17:27 AM
PO Print Date 8/11/2015

Page Number 2 of 2

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Customer POID	
Ship To Contact		Customer Tax #	10127-2607
Ship To Phone		Terms	Net 30
Ship Via:	VENDOR'S TRUCK	Currency	CAD
Ship Acct:		FOB	FCA - (Free Carrier)

Line Total: \$0.00

PO Total: \$571.33

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 8/11/2015